

<p>United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460</p> <p>UIC Federal Reporting System Part III: Inspections Mechanical Integrity Testing (This information is solicited under the authority of the Safe Drinking Water Act)</p>				I. Name and Address of Reporting Agency North Dakota Industrial Commission Oil & Gas Division 600 East Blvd, Dept 405 Bismarck, ND 58505																
II. Date Prepared (month, day, year) November 25, 2022			III. State Contact (name, telephone no.) Ashleigh Day (701) 328-8020		IV. Reporting Period (month, year) <table style="width:100%; border: none;"> <tr> <td style="border: none;">From</td> <td style="border: none;">To</td> </tr> <tr> <td style="border: none;">October 1, 2021</td> <td style="border: none;">September 30, 2022</td> </tr> </table>		From	To	October 1, 2021	September 30, 2022										
From	To																			
October 1, 2021	September 30, 2022																			
				Class and Type of Injection Wells																
				<table style="width:100%; border: none;"> <tr> <td style="border: none;"></td> <td colspan="3" style="border: none; text-align: center;">II</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;"></td> <td style="border: none; text-align: center;">SWD 2D</td> <td style="border: none; text-align: center;">ER 2R</td> <td style="border: none; text-align: center;">HC 2H</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> </table>				II							SWD 2D	ER 2R	HC 2H			
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	SWD 2D	ER 2R	HC 2H																	
Item				I		V														
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected	695	749	0														
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed	185	231	0														
			2. Number of Emergency Response or Complaint Response Inspections	65	9	0														
			3. Number of Well Constructions Witnessed	8	0	0														
			4. Number of Well Pluggings Witnessed	33	71	0														
			5. Number of Routine/Periodic Inspections	7516	5515	0														
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)		12	7	0													
		B	No. of Rule-Authorized Wells Tested/Evaluated for MIs	Passed 2-part test	0	0	0													
				Failed 2-part test	0	0	0													
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations	Well Passed	0	0	0													
				Well Failed	0	0	0													
			2. No. of Casing/Tubing Pressure Tests	Well Passed	169	197	0													
				Well Failed	16	14	0													
			3. Number of Monitoring Record Evaluations	Well Passed	0	0	0													
				Well Failed	0	0	0													
			4. No. of Other Significant Leak Tests/Evaluations (Specify)	Well Passed	0	0	0													
				Well Failed	0	0	0													
	For Fluid Migration	D	1. Number of Cement Record Evaluations	Well Passed	24	31	0													
				Well Failed	0	0	0													
			2. Number of Temperature/Noise Log Tests	Well Passed	0	0	0													
				Well Failed	0	0	0													
			3. No. of Radioactive Tracer/Cement Bond Tests	Well Passed	0	0	0													
				Well Failed	0	0	0													
			4. No. of Other Fluid Migration Tests/Evaluations (Specify)	Well Passed	0	0	0													
			Well Failed	0	0	0														
VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action	41	106	0														
	Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions	1	5	0														
			2. Number of Tubing/Packer Remedial Actions	29	95	0														
			3. Number of Plugging/Abandonment Remedial Actions	12	26	0														
			4. Number of Other Remedial Actions (Specify)	0	0	0														
VIII. Remarks/Ad Hoc Report (Attach additional sheets)																				
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.																				
Signature and Typed or Printed Name and Title of Person Completing Form Ashleigh Day					Date 01/04/2023	Telephone No. (701) 328-8020														

Instructions and Definitions

All reporting is cumulative over the fiscal year, and includes activities from October 1 - September 30. All fields should contain a value. Do not leave blank fields. Enter 0 if there are no wells affected or no activities that occurred pertaining to the information requested. Enter NA if the field or section is not applicable to the submitter (e.g., the well type is not overseen by the submitter). Enter U if the information is unknown or not captured; fields designated as U require explanation.

Section V. Summary of Inspections

A complete inspection should include an assessment of: the well head, pressure and flow meters, pipeline connections, and any other equipment associated with the injection system. An inspection is complete only when a report has been filed with the primacy agency.

Item A: For each well class, enter the number of wells that have been inspected as of the end of the reporting period. Enter each well only once.

Total Inspections (this federal fiscal year to date):

Item 1: For each well class, enter the number of inspections to witness field Mechanical Integrity Tests. (At least 25% of MITs performed by operators each year should be witnessed.)

Item 2: For each well class, enter the number of inspections that have been in response to a problem reported to the regulating authority.

Item 3: For each well class, enter the number of inspections of well constructions or any preoperational activities.

Item 4: For each well class, enter the number of inspections of plugging and abandonment.

Item 5: For each well class, enter the number of inspections that have been routine / periodic.

Section VI. Summary of Mechanical Integrity

A complete MIT is composed of a test for significant leaks in the casing, tubing or packer and a test for significant fluid migration into a USDW through vertical channels adjacent to the well bore. An MIT consists of a field test on a well or an evaluation of a well's monitoring records (i.e., annulus pressure, etc.) or cement records. At a minimum, the mechanical integrity of a Class I, II, or III (solution mining of salt) well should be demonstrated at least once every five years during the life of the well.

Item A: For each well class, enter the total number of wells (i.e., permitted and rule authorized) that have had a complete MIT this federal fiscal year to date. Enter each well only once.

Item B: For each well class, enter the number of rule authorized wells that have passed a complete MIT and the number that have failed a complete MIT this federal fiscal year to date.

Item C: Significant Leak Tests: (this federal fiscal year to date)

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for significant leaks.

Item D: Fluid Migration Tests (this federal fiscal year to date):

Items 1-4: For each well class, enter the number of times wells have passed or failed a field test/record evaluation for fluid migration.

Section VII. Summary of Remedial Action

A failure of mechanical integrity (MI) may occur at any time during the life of an injection well. Failure may be identified during an inspection, a field test, an evaluation of well records, or during routine operation of a well. Remedial actions include additional permit conditions, monitoring, or testing.

Item A: For each well class, enter the number of wells that have received remedial actions this federal fiscal year to date. Enter each well only once.

Total Remedial Actions: (this federal fiscal year to date):

Item 1-4: For each well class, enter the number of times that wells have received remedial action.

Paperwork Reduction Act

The public reporting and record keeping burden for this collection of information is estimated to average 5 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.